	Sub to: Sir Majid
	Sub to: Sir Majid Sub by: Farzana Ali
	Batch: 59 (o'nline)
	28-12-2023
O -	hilhat are food additives?
	Food additives: Food additives are substances
	added to food products during the processing or
	manufacturing stage to improve the tasles texture
	appearance, or shelf lipe of rood. Food additives
	undergo rigorous testing for safety before they are
	approved for the use in food industry. Some
	common categories of food additives are desc-
	ribed below neatness
	a) Preservatives: These additives help prevent
	spoilage and extend the object life of food
	products by inhibiting the growth of bacteria,
	fungi er olher micro-organism.
	b) Coloring: Food colors are added to enhance
	the color of food products. They combe natura
	or synthatic
	c) Flavoring: Flavour enhancers are added
	to improve or modify the taste of the food
	This category inclose both natural flavours Conin

Add their qualities, pros and cons....

	(chamically syntheciaed).
	d) Thickness: These additives help maintain
	the texture and consistency of food products.
- <u>*,5</u> 9	They can prevent superation and improve
	overall quality of the product.
	e) Sweetners: Spéctners are used to add
TO THE	
	sweetness to food and baverages. They can be
	atual withe form of sugar and honey?
	or actificial.
<u> </u>	ulhat are food preservatives?
	Food Preservatives: Food preservatives are
	substances added to food utems to prevent
	food sppilage, deterioration, or contomination
	by bacteria, jungi or other micro organisms.
	The use of food precavatives helps extend
	the shelf elife of products, maintain their
	quality, and ensure they remain safe for
-	로마 보면 성입으로 있다. () 는 선생님들은 전환 보는 이번 경험에 있는데 그런 이번 시간에 되면 함께 되었다. 한 사람들은 한 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은
	consemption. Some common categorier of food
V. 1.	proservatives are as bolow.
	a) Antimicrobial preservatives: These inhibit
	The growth of bacteria, molds or yeast
5	in food common antimicrobial presevotives
	include sodium benzate, Potassium benzoble
armin's	and sulphor dioxide etc.
and the same	

-	
	b) Antioxidants: helps prevent oxidation
	of fats and oils in tood which can lead to
	off-flavors. common antioxidents used are
	Vitamin-C, Vitamin-E etc
	c) Salt and Sugar: digh concentration of salt
	and sugar act of preservatives by reducing
	water activity in food, making ut less
	favorable for the growth of microrganism.
	Sout is commonly used in curing mosts and
	fish while sugar is used in jams jellies
And the second	and super
	d'Acidal Ints: Acidic conditions com inhabit
	The grauls of microconganisms. Citzic acid,
	latic acid and Acetic acid (Vingas) are
	commonly used acidulants.
	2) Natural preservatives: some natural
	substances have inherent antimicrobiel
	properties and can act as preservatilles.
Serve Francis	HER NEW MEAN AND AND MEASURES END AND AND AND AND AND AND AND AND AND A
	honey, salt-cured methods.
6-	GIS and uts components.
	GIS: GIS Geographic information system?
	is a technology that captures, analyzes,
	Stores, manages and presents spatial or

geographic data
Components of 415:
1- Hardware:
9- Computers: 91s requires compulers with
sufficient processing power and storage
copacity to handle spatial dala and run
GIS software.
b-Input Devices: such as digitaers, scanners,
and 9934 Global positioning system are used
to collect spatial data.
2-Software:
a- 91s software: specialized 91s software
applications ach as Arc GIS, OGIs, Ascmap
are used for data input, analysis, visual-
rization and map creation.
b- Patabase Management systems used to
store and manage both spatial and
attribute data.
3- Data:
9- Spatial dalà: are the geographic dala
representing the location and shape of
features on the surface of the earth
They can include Points, lines Polygong.
and raslei data

	b- attribute data: are non spatial information
	associated with spatial features. It provides
4	additional details about features
	4) People:
	a) 41s Professionalse individuals with expertise
	in geospation technology, categraphy?
	geography and data analysis.
* * * * * * * * * * * * * * * * * * *	a) End Users? Peopl from Kacious feilds who
	use 41's topls and maps for decision making
	planing and analysis. It maybe government
	officials, albom planners, environmental
	scientists etc.
	3) Melhods Gy Procedures:
	a) Data collection: Process of galkering
	spatial and attribute data using melhods
	such as 4Ps sugrey, remote sensing and
	. ^ 요리하는 ^ 사이와 이번 경험 방식에 되었다. 사이를 가입니다. 🔾 원리를 보는 하는데 하는데 하는데 나를 가입니다. 💛 아이를 보는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하
	b) Pata tralysis: Technique for interpreting
a soften	마는 스마트 아이지 살아지면 하면 되었다면 하면 뒤로 그릇하는 것이 하는 것이 하는데 하는데 하는데 하는데 하는데 나는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하
	spatist dalf
	c) Map productions creating maps for
	visuslization and communication of sported
	information,